04-20-06

PTO/SB/21 (09-04)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/617,489
Filing Date	July 10, 2003
First Named Inventor	Thomas L. CANTOR
Art Unit	1641
Examiner Name	C. Cheu
Attorney Docket Number	532212000623

ENCLOSURES (Check all that apply)						
X Fee Transr duplicate)	mittal Form (1 page plus	Drawing(s)			After Allowance Communication to TC	
Fee	Attached	Licensin	g-related Papers		Appeal Communication to Board of Appeals and Interferences	
Amendmer	nt/Reply	Petition			Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)	
After	Final		o Convert to a nal Application		Proprietary Information	
Affida	avits/declaration(s)		Attorney, Revocation Correspondence		Status Letter	
Extension	of Time Request	Terminal	Disclaimer		Other Enclosure(s) (please Identify below):	
Express At	pandonment Request	Reques	t for Refund		PTO/SB/08a/b Form (3 pages plus duplicate)	
x Information (5 pages)	n Disclosure Statement	CD, Number of CD(s)			References (67) Return Receipt Postcard	
Certified Copy of Priority Document(s)		La	ndscape Table on	CD	*[Note: Duplicate copy of Transmittal, Fee Transmittal, SIDS, and PTO/SB/08a/b is enclosed in Box #2. – 14 pages]	
	issing Parts/ Application	Remarks				
	y to Missing Parts under FR 1.52 or 1.53	CUSTOMER NO. 25225				
	SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT					
Firm Name	MORRISON & FOERSTER LLP					
Signature						
Printed name	Peng Chen					
Date	April 19, 2006		I Pog Na			

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill Nos. Box #1 - EV 743885419 US and Box #2 – EV 743885405 US, in two boxes addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: April 19, 2006

(Lenay Rogus)

PTO/SB/17 (01-06)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to a collection of information unless it displays a valid OMB control number.

Under t	he Paperwork Reduction	Act of 1995, no perso	n are requi	ed to respond to a co				OMB control nu
FEES oursuant to	Factoristics to the Consolidated Appropriations Act, 2005 (H.R. 4818).					plete if Know	<u>n</u> _	
FFF	TRANS	Application Number 10/617,489						
		Filing Date		uly 10, 2003				
	For FY 20	First Named Inventor Thomas L. CANTOR						
<u> </u>				Examiner Name	(C. Cheu		
X Applican	t claims small entity stat	us. See 37 CFR 1.3	27	Art Unit	1	641		
TOTAL AMOU	NT OF PAYMENT	(\$) 180.00)	Attorney Docket	No. 5	32212000623	3	
METHOD OF	PAYMENT (check	all that apply)						
Check	Credit Card	Money Order	No	ne Other (please identi	fy):		
X Deposit Ac	count Deposit Account	Number: <u>03-1952</u>	Deposit Acc	count Name:	Mor	rison & Foerst	er LLP	
For the	above-identified depo	osit account, the t	Director is	hereby authorize	ed to: (chec	k all that apply)		:
хC	harge fee(s) indicate	d below		Charge	e fee(s) ind	icated below, ex	cept for th	e filing fee
	harge any additional e(s) under 37 CFR 1		yment of	x Credit	any overpa	yments		
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Application T		LING FEES Small Entity Fee (\$)	SE. Fee (\$	ARCH FEES Small Entity Fee (\$)	EXAMIN Fee (\$)	ATION FEES Small Entity	Eoos D	'aid (\$)
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Design	200	100	100	50	130	65		
Plant	200	100	300		160	80		
l				150				
Reissue	300	150	500	250	600	300		
Provisional	200	100	0	. 0	0	0		
2. EXCESS CL							Fee (\$)	Small Entity Fee (\$)
Fee Description Each claim ove	: r 20 (including Reiss	sues)					50	25
Each independe	ent claim over 3 (incl	uding Reissues)					200	100
Multiple depen	dent claims						360	180
Total Claims	Extra Claims	Fee (\$)	Fee I	Paid (\$)	Mu	Itiple Depende	nt Claims	
69	- 101	× = _			Fee	<u> (\$)</u> <u>F</u>	ee Paid (\$)
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If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
Total Sheet		,		dditional 50 or frac	tion thereof	Fee (\$)	Fee F	Paid (\$)
- 100 = /50 (round up to a whole number) x =								
4. OTHER FEE(S) Non-English Specification \$130 for (no small entity discount)								
Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement 180.00								
SUBMITTED BY								
Signature	n	2		Registration No. (Attorney/Agent)	43,543	Telephone	(858) 720)-5117
Name (Print/Type)	Peng Chen				-	Date	April 19,	2006

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill Nos. Box #1 – EV 743885419 US and Box #2 – EV 743885405 US, in two boxes addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

lated: April <u>//</u>, 2006

(Lenay Rogus

Patent Docket No. 532212000623

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Thomas L. CANTOR

Serial No.: 10/617,489

Filing Date: July 10, 2003

For: METHODS, KITS AND ANTIBODIES

FOR DETECTING PARATHYROID

HORMONE

Examiner: C. Cheu

Group Art Unit: 1641

SUPPLEMENTAL INFORMATION DISCLOSURE **STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97 and § 1.98, Applicant submits for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of non-patent literature documents are submitted herewith. The Examiner is requested to make these documents of record.

Document numbers 5-47 are from Nichols Institute Diagnostics, Inc. v. Scantibodies Clinical Laboratory Inc. and Scantibodies Laboratory, Inc., U.S.D.C. for the Southern District of California, Case No. 02 CV 0046 B (LAB), currently on appeal at the United States Court of Appeals for the Federal Circuit.

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sd-311252

Document numbers 48-63 are from the prosecution histories of the patent owners' related U.S. patent and applications: US 6,743,590 B1; US2004/185536 A1; US2004/229281 A1; and US2005/095631 A1.

Document numbers 64-67 are from the prosecution history of the patent owners' related PCT Patent Applications: WO 00/42437 A1; WO 2005/018413 A2; and WO 2005/018413 A3.

Document numbers 68-70 are from a reexamination proceeding of United States Patent No. 6,030,790, now assigned control No. 90/007,412.

Document number 71 is from a reexamination proceeding of United States Patent No. 6,689,566.

Pursuant to MPEP § 2004.13, the applicant points out the following:

Related U.S. and foreign patent and applications

- US 6,743,590 B1 (the '590 patent) is a continuation-in-part (CIP) of US 6,689,566 B1 (the '566 patent). The present application is a CIP of the '590 patent. Applicant submits herewith certain office actions and responses to the office actions from the prosecution history of the '590 patent (Document numbers 47-59).
- US2004/185536 A1 is a continuation application of the '590 patent. Applicant submits herewith the application and the preliminary amendment. (Document numbers 60-61).
- US2004/229281 A1 is a continuation application of the '590 patent. Applicant submits herewith the application and the preliminary amendment. (Document number 62).
- US2005/095631 A1 is continuation of U.S. Patent Application No. 10/760,091, filed on January 16, 2004, now pending, which is a continuation of the '590

patent. Applicant submits herewith the application and the preliminary amendment. (Document number 63).

• PCT application WO 00/42437 claims priority from the '566 and the '590 patents. PCT application WO 05/01843 claims priority from U.S. Patent Application No. 10/617,489, the present application, which is a CIP of the '590 patent. Applicant submits herewith certain office actions and responses to the office actions from the prosecution history of these two applications (Document numbers 64-67).

<u>Nichols v. Scantibodies.</u> Applicant wishes to bring the Examiner's attention to the following papers from this proceeding:

 On February 1, 2006, the Federal Circuit granted Scantibodies' motion for a stay of the injunction pending appeal (Document No. 35 of the present Form PTO/SB/08a/b).

Reexamination of US patent No. 6,030,790, now assigned control No. 90/007,412

 Nichols filed a First Amendment and Response to Reexamination Office Action on November 28, 2005 (Document No. 71 of the Form PTO/SB/08a/b submitted with the IDS on January 13, 2006) and a Supplemental Amendment on March 7, 2006 (Document No. 69 of the present Form PTO/SB/08a/b).

Reexamination of the '566 patent

Scantibodies commenced a civil action for patent infringement based on the '566 patent: Scantibodies v. Immutopics. Both Scantibodies and Immutopics filed a Request for Ex Parte Reexamination of U.S. Patent 6,689,566. The U.S. PTO merged the two reexamination proceedings (control Nos. 90/007,685 and

90/007,732) on February 16, 2006 (Document No. 71 of the present Form PTO/SB/08a/b).

	11115 1111	offilation Disclosure Statement is submitted:					
	With t	he application; accordingly, no fee or separate requirements are required.					
	Before	the mailing of a first Office Action after the filing of a Request for Continued					
	Exam	ination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97					
	(e)(1)	has been provided.					
	Within	n three months of the application filing date or before mailing of a first Office Action					
	on the	merits; accordingly, no fee or separate requirements are required. However, if					
	applic	able, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.					
\boxtimes	After	receipt of a first Office Action on the merits but before mailing of a final Office Action					
	or Not	ice of Allowance.					
		A fee is required. A check in the amount of is enclosed.					
	\boxtimes	A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to					
		this submission in duplicate.					
		A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is					
		believed to be due.					
	After	mailing of a final Office Action or Notice of Allowance, but before payment of the					
	issue f	ee.					
		A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the					
		amount of is enclosed.					
		A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal					
		form (PTO/SB/17 is attached to this submission in duplicate.)					

Applicant would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petition and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing <u>532212000623</u>.

Dated: April <u>1</u>, 2006

Respectfully submitted,

Ву____

Peng Chen

Registration No.: 43,543 MORRISON & FOERSTER LLP 12531 High Bluff Drive

Suite 100

San Diego, California 92130-2040

(858) 720-5117

APR 1 9 2006 W

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known				
Application Number	10/617,489			
Filing Date	July 10, 2003			
First Named Inventor	Thomas L. CANTOR			
Art Unit	1641			
Examiner Name	C. Cheu			
Attorney Docket Number	532212000623			

	U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Name of Patentee or	Pages, Columns, Lines, Where			
Initials*	No.1	Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
	1.	US-6,743,590	06-01-2004	Cantor			
	2.	US-2004/0219598-A1	11-04-2004	Cantor			
	3.	US-2004/0229281-A1	11-18-2004	Cantor			
	4.	US-2005/0095631-A1	05-05-2005	Cantor			

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code³-Number⁴-Kind Code⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵	

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS			
Examiner Initials Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the it magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publis and/or country where published.					
	5.	Deposition of Knut Adermann, taken on June 26, 2003			
	6	Deposition of James T. Carmichael, taken on June 26, 2003			
	7.	Deposition of Roger T. Frost, taken on June 25, 2003			
8. Deposition of Allen Garrett, taken on November 6, 2002					
	9.	Deposition of Allen Garrett (30(b)(6)), taken on September 19, 2003			
	10.	Deposition of Frank Hall, M.D., taken on September 9, 2003			
	11.	Deposition of Michael R. Hamrell, taken on January 26, 2005			
12. Deposition of Michael Harder, taken June 27, 2003					
	13.	Deposition of Dieter Hock, Ph.D., taken on November 18, 2002			
	14.	Deposition of Hartmut Malluche, M.D., taken on September 26, 2003			
	15	Deposition of Vivian Shen, taken on June 25, 2003			
	16.	Deposition of Ellen Vitetta, taken on January 20, 2005			
	17	Deposition of Thomas Wiseman, taken on January 25, 2005			
,	18.	Scantibodies' Motion to Dismiss Nichols' Cross-Appeal, filed January 10, 2006			
	19.	Appellant's Appendix to Scantibodies' Motion to Dismiss Nichols' Cross-Appeal, filed January 10, 2006			
	20.	Final Judgment and Stay of Enforcement, filed January 19, 2006			
	21.	Declaration of Katherine L. Parker in Support of Scantibodies' Supplemental Brief in Support			
		of Emergency Motion to Stay Injunction Pending Appeal, filed January 19, 2006			
	22.	Nichols' Response to Scantibodies' Motion to Dismiss Nichols' Cross-Appeal, filed January 23, 2006			
	23.	Plaintiff-Cross Appellant's Appendix to Nichols' Response to Scantibodies' Motion to Dismiss			

Examiner		Date	
Signature		Considered	
	_		

C. I	Substitute for form 1449/PTO			Complete if Known		
Suc				Application Number	10/617,489	
18	NFORMATION	ı Di	SCLOSURE	Filing Date	July 10, 2003	
	STATEMENT BY APPLICANT			First Named Inventor	Thomas L. CANTOR	
		J.,		Art Unit	1641	
	(Use as many sheets as necessary)			Examiner Name	C. Cheu	
Sheet	2	of	3	Attorney Docket Number	532212000623	

	Nichols' Cross-Appeal, filed January 23, 2006
24	
	2006
25	Judgment as a Matter of Law on Damages, filed January 27, 2006
26	Matter of Law on Damages, filed January 27, 2006
27	Motion For Judgment as a Matter of Law on Damages, filed January 27, 2006
28	Nichols Institute Diagnostics, Inc.'s Notice of Motion and Motion for Judgment as a Matter of Law Re: Willfulness and in the Alternative for a New Trial, filed January 27, 2006
29	Nichols Institute Diagnostics, Inc.'s Motion for Judgment as a Matter of Law Re: Willfulness and in the Alternative for a New Trial, filed January 27, 2006
30	Declaration of April M. Alex in Support of Nichols Institute Diagnostics, Inc.'s Motion for Judgment as a Matter of Law Re: Willfulness and in the Alternative for a New Trial, filed January 27, 2006
31	Damages, filed January 27, 2006
32	Motion for Enhancement of Damages, filed January 27, 2006
33	
34	. Appellants Scantibodies' Opening Brief, filed January 30, 2006
35	Order Granting Stay Pending Appeal and Dismissing Nichols' Cross-Appeal, filed February 1, 2006
36	Declaration of April M. Alex in Support of Nichols Institute Diagnostics, Inc.'s Application for Award of Attorney's Fees and Expenses, filed February 2, 2006
37	Points and Authorities in Support of Application for Award of Attorneys' Fees and Expenses, filed February 2, 2006
38	
39	Declaration of April M. Alex in Support of Nichols Institute Diagnostics, Inc.'s Memorandum in Support of Application to Tax Costs, filed February 2, 2006
40	Scantibodies' Memorandum of Points and Authorities in Support of Opposition to Nichols' Motion for Prejudgment Interest, filed February 17, 2006
41	
42	Scantibodies' Memorandum of Points and Authorities in Support of Opposition to Nichols' Motion for Judgment as a Matter of Law Re: Willfulness and in the Alternative for a New Trial, filed February 17, 2006
43	
44	
45	

Examiner	Date
Signature	Considered
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Substitute for form 1449/PTO				Complete if Known		
Suc	stitute for form 1449/P10			Application Number	10/617,489	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date	July 10, 2003	
				First Named Inventor	Thomas L. CANTOR	
				Art Unit	1641	
				Examiner Name	C. Cheu	
Sheet	3	of	3	Attorney Docket Number	532212000623	

	Motion for Enhancement of Damages, filed February 27, 2006					
46.	Nichols Institute Diagnostics, Inc.'s Reply Motion for Prejudgment Interest, filed February 27, 2006					
47.	Nichols Institute Diagnostics, Inc.'s Reply Motion for Judgment as a Matter of Law RE: Willfulness and in the Alternative for a New Trial, filed February 27, 2006					
48.	Office Action for 09/344,639 mailed on September 20, 2000					
49.	Petition for Extension of time of Two Months and Amendment for 09/344,639, dated February 7, 2001					
50.	Declaration of Dr. Ping Gao dated February 7, 2001					
51.	Supplemental Amendment for 09/344,639 dated July 11, 2001					
52.	Supplemental Amendment Under 37 CFR 1.111 for 09/344,639 dated May 20, 2002					
53.	Second Supplemental Amendment for 09/344,639 dated March 18, 2003					
54.	Third Supplemental Amendment for 09/344,639 dated March 28, 2003					
55.	Notice of Allowability for 09/344,639 mailed on April 7, 2003					
56.	Interview Summary for 09/344,639 dated March 11, 2003					
57.	Amendment Under 37 CFR 1.312 for 09/344,639, dated July 8, 2003					
58.	Comments on Statements of Reasons for Allowance for 09/344,639, dated July 8, 2003					
59.	Office Communication for 09/344,639 mailed on December 29, 2003					
60.	Application and Preliminary Amendment for 10/641,780 filed August 15, 2003					
61.	Second Preliminary Amendment for 10/641,780 filed January 3, 2006					
62.	Application and Preliminary Amendment for 10/760,091 filed January 16, 2004					
63.	Application and Preliminary Amendment for 10/945,608 filed on September 20, 2004					
64.	International Preliminary Examination Report for PCT/US00/00855, mailed on February 16, 2001 (WO 00/42437)					
65.	Written Opinion for PCT/US04/21896 mailed on March 7, 2005 (WO 05/01843)					
66.	PCT Demand and Response to the Written Opinion for PCT/US04/21896, mailed on June 6, 2005 (WO 05/01843)					
67.	International Preliminary Report on Patentability for PCT/US04/21896, mailed on September 20, 2005 (WO 05/01843)	-				
68.	Miscellaneous Communication for Reexam Control No. 90/007,412, filed March 1, 2006					
69.	Supplemental Amendment to Reexam Control No. 90/007,412, filed March 7, 2006					
70.	Miscellaneous Communication for Reexam Control No. 90/007,412, filed March 9, 2006					
71.	Decision Merging Reexamination Proceedings Control No. 90/007,685 and 90/007,732, mailed on February 16, 2006					

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	Date	
Signature	Considered	

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.